

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-159627

(43)Date of publication of application : 04.06.2002

(51)Int.Cl.

A63F 5/04
H02P 8/32

(21)Application number : 2000-362256

(71)Applicant : TAKASAGO ELECTRIC IND CO LTD

(22)Date of filing : 29.11.2000

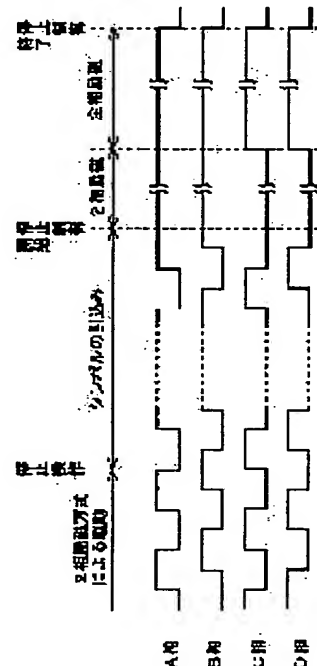
(72)Inventor : IKEHARA KOJI

(54) STOP CONTROLLING METHOD OF STEPPING MOTOR FOR REEL DRIVING

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a stop controlling method of a stepping motor for reel driving by which a reel can be stopped at a specified location even when the reel is large and has a large inertia, and a game player is prevented from feeling a sense of incongruity regarding the stopping motion of the reel.

SOLUTION: When the stepping motor as the driving source of the reel is stopped, a stopping control for a preliminary stage by two-phase energizing is performed. Then, a stopping control by total-phase energizing is performed, and thus, the stepping motor is stopped.



Best Available Copy

LEGAL STATUS

[Date of request for examination]

17.04.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office